

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 February 2004 (05.02.2004)

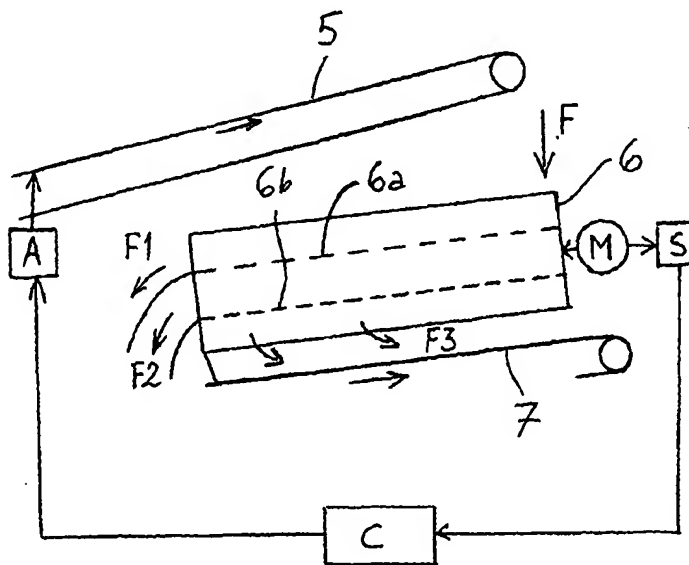
PCT

(10) International Publication Number  
**WO 2004/011159 A1**

- (51) International Patent Classification<sup>7</sup>: **B07B 1/42** (74) Agent: TAMPEREEN PATENTTITOIMISTO OY;  
Hermiankatu 12 B, FIN-33720 Tampere (FI).
- (21) International Application Number:  
PC1/FI2003/000586 (81) Designated States (*national*): AF, AG, AI, AM, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 31 July 2003 (31.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
20021428 31 July 2002 (31.07.2002) FI
- (71) Applicant (*for all designated States except US*): METSO MINERALS (TAMPERE) OY [FI/FI]; Lokomonkatu 3, FIN-33100 Tampere (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): ANTILA, Kari [FI/FI]; Korvenkatu 32 A 4, FIN-33300 Tampere (FI). HE-MAN, Hannu [FI/FI]; Pirjonkaivonkatu 3 C 6, FIN-33710 Tampere (FI). PELTONEN, Mika [FI/FI]; Kalevan puistotie 21 B 73, FIN-33500 Tampere (FI).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report

[Continued on next page]

(54) Title: METHOD FOR CONTROLLING A SCREENING MACHINE AND A SCREENING MACHINE



(57) Abstract: The invention relates to a method for controlling a screening machine comprising at least one screen surface, feeding means that feed material to be screened towards the screen surface and onto the screen surface (6a) where the material is separated into a first fraction remaining on the screen surface and into a second fraction passed through the screen surface while the material is moving along the screen surface (6a). In the method, the amount of material on the screen surface is determined by automatic measurement, and the speed of the feeding means (5) is controlled on the basis of the measurement by automatic control (C).